

*Ideas that Change the World*

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**Date:** May 3, 2004**To:** Mail Stop Non-Fee Amendment  
US Patent and Trademark Office**Fax:** (703) 872-9318**From:** [Samuel L. Borkowsky]  
LC/IP**Phone:** (505) 665-56111  
**Fax:** (505) 665-4424**Re:** SN 10/052,862  
S-97,794  
[Karen M. Grace]**Sender:** [MJhoover]

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**Comments:**

**Included in this facsimile transmittal are the following documents for filing in the above-identified patent application:**

**Response to Office Action dated February 25, 2004 - 9 pages**  
**Fax Transmission Cover Sheet - 1 page**

**Fee Payments Authorized: \$ -0-**

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**UNCLASSIFIED**

Rev. 07/29/03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Karen M. Grace et al.

Docket No.: S-97,794

Serial No.: 10/052,862

Examiner: Mohammad Yunus Sikder

Filed : November 9, 2001

Art Unit: 2872

For : WAVEGUIDE-BASED OPTICAL CHEMICAL SENSOR

Customer No. 35068

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

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**OFFICIAL**RESPONSE

Sir:

In response to the Office Action dated February 25, 2004, please enter the following amendments to the Claims, and consider the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

## CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being

## MAILING

☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

## FACSIMILE

☒ transmitted by facsimile to the United States Patent and Trademark Office

Date May 3, 2004

Samuel L. Borkowsky  
Signature

Samuel L. Borkowsky  
(type or print name of person certifying)